

METHOD AND APPARATUS FOR ULTRASONIC IMAGING

Abstract of the Disclosure

A method for reducing speckle in an ultrasonic image formed from a digitized scan line including linearly arranged signal intensity data points obtained from ultrasonic energy reflected by structures within a body. The scan line is divided into intensity pixels. Each intensity pixel includes at least one data point. A raw intensity level and a feature gain factor are determined for each intensity pixel. A corrected intensity level is calculated for each intensity pixel by multiplying the raw intensity level for each intensity pixel by the corresponding feature gain factor. The corrected intensity level of each intensity pixel is displayed.